



CHECKLIST #0495 FOR THE APPROVAL OF: NAILS & WOOD FASTENERS

- ☐ Basic Requirements Checklist.
- ☐ One set of the manufacturer's 'approval document' including:
 - a) Details of each model including dimensions and material specifications,
 - b) Shear and tension capacity of each fastener for different wood species (density) and wood products, and different embedment,
 - c) Minimum edge distance must be investigated and reported, and
 - d) Minimum spacing between fasteners must be investigated and reported.
- ☐ Manufacturer's brochure with the above-required information plus description characteristics, use, and installation of the models considered for approval. The loads shown on the brochure must match the test results.
- ☐ One set of manufacturer's design drawings marked and verified by the testing laboratory.

The following current laboratory tests and test reports in compliance with protocol PA 301.

- ☐ Test each model following the guidelines indicated in ASTM D1761 to determine the static tension and shear capacity of the fastener. A minimum of five specimens of each model shall be tested to the ultimate load. If any test varies by more than 20% from the average, five additional tests shall be made.
- ☐ Test each model for corrosion resistance in compliance with ASTM G85, Annex 5, 140 cycles as detailed in PA114, Appendix E.

Notes:

Approval of fasteners to be used in clusters will require specific load testing for this type of use.

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